

New Mexico- Clovis Field Office
FY 2003 Ranking Criteria Worksheet - Irrigated Cropland (GSWC)

Applicant: Date: Total Points: 0
 Farm No.: Tract No.: CMS Field No's.

1. Water Quantity 130 Potential Points (30% of Total)

Irrigation Efficiency - Use FIRS to Evaluate			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
1-20%			0		
21-30%			70		
31-40%			80		
41-50%			90		
51-60%			100		
61-70%			110		
71-80%			120		
>80%			130		
1. Water Quantity			Total	0	

2. Water Quality - 85 Potential Points (20% of Total)

A. Surface Water Pollutants -40 Points Maximum

There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of field to the nearest live waters or re-entry point into a shared irrigation system. If there is no run-off, after points will be 0.

Distance of Surface runoff to Live Water	Points	Benchmark	After
<100 Ft.	40	0	
101 - 500 Ft.	30	0	
501 - 1,320 Ft.	20	0	
1,320 - 2,640 Ft.	10	0	
>2,640 Ft.	0	0	
A. Surface Water	Total	0	0

B. Ground Water Pollutants - 45 Points Maximum

There is a probability that irrigation water containing salt, pesticides, and/or nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and direct return flow into wells. Points to be awarded based on depth to the water table, or

Depth to Water Table	Points	Benchmark	After
1 - 10 Ft or elimination of any direct discharge into ground water.	45	0	
10 - 50 Ft.	35	0	
50 -100 Ft.	25	0	
>100 Ft.	0	0	
B. Ground Water	Total	0	0

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3. Selected Conservation Practice(s) 170 Potential Points (40% of Total)

Any practice used in the ranking criteria and intended to be included in the EQIP contract must have a financial assistance payment.	Potential Points	Percent of Need to be Installed	Points
Soil Erosion			
Range Planting (550)	5		
Field Borders (Buffer Strip) (386)	5		
Water Quality			
Chemigation Valve (442)	15		
Water Quantity			
Irrigation Water Conveyance, Pipeline (430-EE)	15		
Flowmeter (587)	15		
Computer Panels (442)	15		
Drip Tape/LEPA (442)	40		
Irrigation Water Management, Convert to permanent vegetation 2 gpm/ac.	170**		
Irrigation Water Management, Convert to Dryland Farming 3 gpm/ac.	160**		
Irrigation Water Management, Net Water Savings in Acre Inches Per acre 4gpm/ac.	45		
LESA (442)	20		
Air Quality			
Animals			
Range Planting (550), multiple species with shrubs	10		
3. Selected Conservation Practices	Total		0

4. Other Considerations -43 Potential Points (10% of Total)

	Potential Points	Benchmark	After Points
A. At risk species are in the area and the contract will enhance habitat for the species.	20	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	10	0	
C. Treatment of this land could enhance the benefits of an active sec. 319 project.	8	0	
D. This land is within a proposed sec. 319 project.	5	0	
** Funding will be determined by water saved - total GPM of wells.			
Ties will be broken by drawing numbers from a hat.			
4. Other Considerations	Total	0	0

 Producer

 Date

 Designated Conservationist

 Date